



Recombinant Arabidopsis thaliana Heterodimeric geranylgeranyl pyrophosphate synthase large subunit 1, chloroplastic (GGPPS1)

Product Code	CSB-EP339503DOA-B
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P34802
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	SSVV TKEDNLRQSE PSSFDFMSYI ITKAELVNKA LDSAVPLREP LKIHEAMRYS LLAGGKRVRP VLCIAACELV GGEESTAMPA ACAVEMIHTM SLIHDDLPCM DNDDLRRGKP TNHKVFGEDV AVLAGDALLS FAFEHLASAT SSDVVSPVRV VRAVGELAKA IGTEGLVAGQ VVDISSEGLD LNDVGLEHLE FIHLHKTAAL LEASAVLGAI VGGGSDDEIE RLRKFARCIG LLFQVDDIL DVTKSSKELG KTAGKDLIAD KLTYPKIMGL EKSREFAEKL NREARDQLLG FDSDKVAPLL ALANYIAYRQ N
Source	E.coli
Target Names	GGPPS1
Protein Names	Recommended name: Heterodimeric geranylgeranyl pyrophosphate synthase large subunit 1, chloroplastic Short name= GGPP synthase 1 Short name= GGPS1 EC= 2.5.1.- Alternative name(s): (2E,6E)-farnesyl diphosphate synthase 1 Di
Expression Region	57-371
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life



of lyophilized form is 12 months at -20°C/-80°C.